

## Be familiar with Quantum Automation System

Very few people have knowledge about internal parts of computer because this requires deep knowledge and good skills to analyze these micro parts. People who don't know exactly about Quantum Automation System can read this article which provides you information from the base. Modicon PLC Application programming Group is one of famous manufacturing companies which are serving in this field. Modicon's technicians are very much skilled in repairing most Modicon – Schneider Electric parts same day. But until you are familiar with Modicon Quantum Automation System, you cannot understand all this in right manner.

Quantum Automation system is a special purpose computing system which is designed for real time control in industrial and manufacturing applications in modular. Some modules are included in expandable architecture which is given below: -

1. Power Supply
2. CPU
3. Input/Output
4. I/O network interface
5. Intelligent/special purpose I/O
6. Simulator
7. Battery
8. Backplanes
9. Cable fast cabling

Modicon's Quantum Automation System provides some kinds of series in Schneider electric which are given below: -

140NOE77101, 140ACI04000, 140CRA93100, 140ACO13000, 140ARI03010,  
[140AVI03000](#), 140NOE77111

You can get a wide selection of 140 series, 984 series, TSX series along with all parts and accessories which you need. The Quantum 140AVI03000 Analog Input module provides differential analog input channels. Quantum backplanes come in 2, 3, 4, 6, 10 and 16 slot versions. Any Quantum module can be used in any slot.

All Quantum I/O modules are optically isolated from the bus, ensuring safe and trouble-free operation. This isolation also allows modules to be hot swapped.

The information which is given is to be used exclusively by system integrators and consulting engineers for the sole purpose of specifying Schneider Electric products. If you want to know more about this then [click here](#).

<http://www.modiconplc.com/schneider/Quantum-140/140-series/140AVI03000>